

533 589

BLAST RESISTANT AND BLAST DIRECTING CONTAINERS
AND METHODS OF MAKING
ABSTRACT

Blast resistant and blast directing containers, as well as doors and closures
5 therefor, for receiving explosive articles and preventing or minimizing damage in
the event of an explosion. The container comprises at least three nested bands of
material wherein the bands are oriented relative to one another to substantially
enclose a volume and to form a container wall having a thickness substantially
equivalent to the sum of the thicknesses of at least two of the bands. The
10 containers have utility as cargo holders, particularly in aircraft where weight is an
important consideration, and as transport devices for hazardous materials such as
gunpowder and explosives, e.g., bombs and grenades.